

AMENDMENTS TO THE ABSTRACT OF THE DISCLOSURE

Please amend the Abstract of the Disclosure as follows:

A method ~~and apparatus~~ for recording analog signals and digitally encoded information associated with primary and secondary devices of an electric power system ~~and secondary devices associated with the electric power system~~, the ~~apparatus~~ includes ~~a hosting device configured for~~: receiving a plurality of analog output signals and a plurality of ON/OFF status signals from corresponding transducers of the electric power system; receiving a plurality of ON/OFF status signals from the primary and secondary devices of the electric power system; receiving ~~at least one of~~ a time-synchronization analog signal ~~from a time synchronization source and~~ and/or a time-synchronization data packet from ~~the~~ a time synchronization source ~~over a communication medium~~; maintaining an internal clock synchronized with the synchronization source ~~for time synchronization~~; sampling and digitizing the plurality of analog output signals; monitoring ~~at least one of~~ a status and/or a change of status of the plurality of ON/OFF status signals; receiving digitally encoded information signals as incoming data packets ~~via a communication port~~; decoding and analyzing ~~the content of~~ the incoming data packets; analyzing ~~both the~~ plurality of analog output signals and digitally encoded information signals using a user-programmable triggering mechanism algorithm; and ~~a non-volatile memory storage medium in operable communication with the hosting device, the non-volatile memory storage medium storing the incoming digitized analog output signals and~~ digitally encoded information signals together with corresponding timing information in a record as fault and sequence of events records.